

Title (en)

A reinforcement means for a lead, especially for a lead for neural applications

Title (de)

Verstärkungsmittel für eine Elektrodenleitung, insbesondere für eine Elektrodenleitung für neurale Anwendungen

Title (fr)

Moyens de renfort d'une sonde, notamment d'une sonde pour applications neuronales

Publication

**EP 2789365 A1 20141015 (EN)**

Application

**EP 13162805 A 20130408**

Priority

EP 13162805 A 20130408

Abstract (en)

The present invention relates to a reinforcement means (400) for a lead (300), especially a lead (300) for neural applications, preferably a lead (300) for a neurostimulation and/or neurorecording system, wherein the reinforcements means (400) has at least predetermined and/or customizable bending motion capabilities and/or is configured such that the minimum bending radius of the lead (300) is at least partially limited. Furthermore, the present invention relates to a lead, a neurostimulation and/or neurorecording system and an interlocking annular element for a reinforcement means.

IPC 8 full level

**A61N 1/05** (2006.01); **A61M 25/00** (2006.01)

CPC (source: EP US)

**A61N 1/05** (2013.01 - EP US); **A61N 1/0534** (2013.01 - EP US); **A61B 2017/00314** (2013.01 - US)

Citation (search report)

- [XY] US 2012184836 A1 20120719 - KOLBERG GERNOT [DE], et al
- [X] EP 2110155 A1 20091021 - BIOTRONIK CRM PATENT AG [CH]
- [Y] WO 2004110542 A2 20041223 - SCIMED LIFE SYSTEMS INC [US], et al
- [A] EP 1649889 A1 20060426 - BIOTRONIK CRM PATENT AG [CH]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2789365 A1 20141015**; US 10022533 B2 20180717; US 2016038731 A1 20160211; WO 2014166754 A1 20141016

DOCDB simple family (application)

**EP 13162805 A 20130408**; EP 2014056204 W 20140327; US 201414782754 A 20140327